

Preliminary Amendment

Attorney Reference: 070662/0290683

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REMARKS

The present amendment adds reference to the priority applications to the specification and further amends Claims 3-6, 8, 9, 11, 12 and 14-19 to remove multiple dependencies from the claims. No new matter has been added.

Favorable action on the merits is respectfully requested.

Respectfully submitted,

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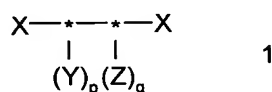
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Attachment: Appendix

APPENDIX: VERSION TO SHOWS CHANGES MADE TO APPLICATION**In the Claims**

The claims were amended as follows:

3. (Amended) A dispersant as claimed in [either] claim 1 [or claim 2] wherein the polyester chain containing C₁₋₆-alkylene groups is derivable from optionally alkyl substituted ϵ -caprolactone and δ -valerolactone.
4. (Amended) A dispersant as claimed in [any one of claims 1 to 3] claim 1 wherein the C₈₋₃₀-alkenylene chain is derivable from ricinoleic acid.
5. (Amended) A dispersant as claimed in [any one of claims 1 to 4] claim 1 wherein the polyester chains are attached to the polyamine or polyimine backbone via amide and/or salt linkages.
6. (Amended) A dispersant as claimed in [any one of claims 1 to 5] claim 1 wherein the polyimine is poly (C₂₋₆-alkyleneimine).
8. (Amended) A dispersant as claimed in [any one of claims 1 to 7] claim 1 wherein the number average molecular weight of the polyamine or polyimine is from 500 to 600,000.
9. (Amended) A dispersant as claimed in [any one of claims 2 to 8] claim 2 which is represented by formula 1



wherein

X—*—*—X represents the polyamine or polyimine backbone polymer;

Y is the residue of a polyester chain which is derivable from one or more hydroxy carboxylic acids all of which contain a C₁₋₆-alkylene group or lactones thereof;

Z is the residue of a polyester chain which is derivable from one or more hydroxy carboxylic acids at least one of which contains a C₈₋₃₀-alkylene or C₈₋₃₀-alkenylene group or actones thereof;

p and q are integers; and

(p + q) is from 2 to 2000.

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11. (Amended) A dispersant as claimed in [either claim 9 or claim 10] claim 9 wherein the molar ratio of p to q is from 1:1 to 5:1.
12. (Amended) A dispersant as claimed in [any one of claims 9 to 11] claim 9 wherein Y is the residue of a polyester chain derivable from lauric acid, ϵ -caprolactone and δ -valerolactone.
14. (Amended) A dispersant as claimed in [any one of claims 9 to 13] claim 9 wherein Z is the residue of poly(ricinoleic acid).
15. (Amended) A composition comprising a particulate solid and a dispersant as claimed in [any one of claims 1 to 14] claim 1.
16. (Amended) A composition comprising an organic medium and a dispersant as claimed in [any one of claims 1 to 14] claim 1.
17. (Amended) A dispersion comprising a particulate solid, an organic medium and a dispersant as claimed in [any one of claims 1 to 14] claim 1.
18. (Amended) A millbase comprising a particulate solid, a film-forming resin, an organic medium and a dispersant as claimed in [any one of claims 1 to 14] claim 1.
19. (Amended) A paint or printing ink comprising a particulate solid, a film-forming resin, an organic medium and a dispersant as claimed in [any one of claims 1 to 14] claim 1.